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THE EUGENICS REVIEW

Volume XXX

(Volume XI. New Series)

APRIL 1938—JANUARY 1939

Published Quarterly for the Eugenics Society by
MACMILLAN & Co. LTD., St. Martin's Street, London, W.C.2
THE MACMILLAN Co., New York

INDEX—PRICE ONE SHILLING

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PERIODICALS

American Journal of Physical Anthropology

October-December 1937, Vol. XXIII, No. 2.—A great part is devoted to a study by A. Hrdlička of the gluteal ridge and gluteal tuberosities in mammals, and especially in primates. Gluteal tuberosity is the name suggested for what has usually been called third trochanter. It is specially marked in some Perissodactyles but seems rare among Artiodactyles. Among Primates it occurs in *Nycticebi* and Lemurs and in *Cebidæ*, but is wanting in the higher primates except occasional individuals among gibbons and chimpanzees. It was not present in *Pithecanthropus*, but did occur among Neanderthal types. Houzé found it in 13 per cent. of the femurs then (1883) known from the upper Palæolithic and in 38 per cent. of the "neolithic" femurs of France and Belgium. In the Naqada series from Egypt it occurs in 40.46 per cent. of the males and 42.65 per cent. of the females. It is more characteristic of women than of men. It seems commoner among North American Indians than among most other peoples and is specially rare among Chinese and Negroes.

B. Campbell and B. B. Rubenstein discuss Röntgen anthropometry, especially for the pelvis in women, and they give directions which make possible the ascertainment of distances that cannot be measured on the living.

H. J. FLEURE.

Annals of Eugenics

October 1937, Vol. VIII, Part I.—*Studies on a child population. II.*—By J. A. Fraser Roberts and Ruth Griffiths.—A number of Bath school children were given the Advanced Otis test and retested about a year later by either the Advanced Otis test or the Stanford-Binet test. The correlations between the two sets of tests are discussed. A shortened form of the Binet test is suggested, which saves about eight minutes per child.

Sexual and racial variations in ability to taste phenyl-thiocarbamide, with some data on the inheritance.—By William C. Boyd and Lyle G. Boyd.—The tests in question were made in various countries. They exhibit racial differences in the ability to taste and, for most races tested, a sex difference, the females showing a higher percentage of tasters than the males.

A test for uniovular twins in mice.—By W. L. Stevens.—A sample of over 1,000 mice from back-cross matings were scored for six factors and sex. Stevens shows that there is no evidence in the data that uniovular twins occur in mice, and that, if pairs of twins occur, they are not more frequent than about 7 per 1,000.

Inheritance in man: Boas's data studied by the method of analysis of variance.—By R. A. Fisher and H. Gray.—Boas made a number of measurements on the heads of 752 children born in the United States to immigrants from Sicily. The variations in these characters, (1) within fraternities, (2) between fraternities with the same parental measurements, and (3) between fraternities with different parental measurements are discussed.

January 1938, Vol. VIII, Part II.—*The stature of male school children in relation to hair and eye colour.*—By M. A. MacConaill.—From measurements based on 2,500 male children, the mean heights of the blond (blond hair and blue eyes) and brunette (brown or black hair and brown eyes) groups were greater and less variable than those of the heterochrome group (all other combinations of hair and eye colour).

The sex incidence of certain hereditary traits in man.—By L. Csik and K. Mather.—Hereditary human anomalies, such as hare-lip and cleft palate, are often more common among men than among women. This has been ascribed by some authors to sex-linkage of one of the controlling genes. The present authors test this hypothesis for data on four hereditary peculiarities and show that in no case do the data indicate sex-linkage.

Blood groups and genetics.—By V. Friedenreich.—A reprint of the 1937 Galton Lecture. A brief and very readable account of the present state of knowledge about blood groups and their inheritance properties.

Studies on a child population. III. Intelligence and Family size.—By J. A. Fraser Roberts, R.M. Norman and Ruth Griffiths.—This study is based on an almost complete ascertainment of Bath school children between the ages of about 10½ years to 13½ years at a given date. The authors find a significant negative correlation between intelligence (as measured by the Advanced Otis I.B.) and number of sibs, the regression being a linear one. This relationship is studied in more detail by grouping the children according to type of school. A discussion of previous work is given.

W. G. COCHRAN.

British Medical Journal

December 18th, 1937.—*Sex-Linked Microphthalmia and Mental Deficiency.*—Dr. J. A. Fraser Roberts, Principal Investigator to the Burden Research Trust, Stoke Park Colony, continues the pedigree of a family previously described by Ash (*B.M.J.*, 1922). Two brothers had come under his notice. The defect has appeared in four generations (perhaps six). Fourteen cases of microphthalmia are noted—all males. Two of those examined were

of normal mentality, but in the other cases there were various grades of mental deficiency, ranging from feeble-mindedness to the most extreme idiocy. There is no suggestion of mental deficiency in the family apart from blindness. The defect is clearly due to a recessive sex-linked factor.

January 29th, 1938.—*Hereditary Factor in Essential Hypertension.*—E. A. Hines (*Ann. Int. Med.*, Oct. 1937) in a study of 267 individuals with essential hypertension, and 608 individuals with normal blood pressure, finds that a positive family history is five times as frequent among individuals who have hypertension or who are hyper-reactors to a standard stimulus test as it is among individuals who react normally to the test. As no hyper-reactor was found who did not have one parent who was either hypertensive or a hyper-reactor it is probable that the trait is inherited as a dominant characteristic.

February 26th, 1938.—*Sympathetic Twins.*—Dr. C. W. Kidd describes how male dizygotic twins aged 41 living together in one household developed perforated duodenal ulcers within a few days of one another. He suggests that these cases tend to support the theory of a diathesis and a close hereditary association in the ætiology of duodenal ulcer. The coincidental perforation should be attributed in some measure to the sympathetic and psychic affinities said to exist in twins.

Medical Aspects of Decline of Population.—Several prominent individuals contributed to a discussion on this subject at the Royal Society of Medicine on February 18th. Professor A. M. Carr-Saunders dealt with the multiple causes of declining fertility. Dr. R. R. Kuczynski discussed the statistics of childless marriages. Dr. C. P. Blacker, in speaking on medical and eugenic deterrents, stressed the importance of minor degrees of ill-health both in men and women as causes of sterility. He considered that the "cannon fodder" argument was exaggerated, but that eugenic factors were prevalent. In families where a hereditary abnormality was known, anxiety might be exalted into a positive deterrent, and it was possible that misplaced eugenic zeal at the present time was seriously operative. Every family had genetic skeletons in its cupboard, and it was well not to be over-sensitive. Mr. Eardley Holland spoke of the medical causes of inherent sterility. Professor J. C. Drummond dealt with the influence of changes in the national diet especially in respect of shortage of vitamins B and E, and was supported by Professor T. Young in speaking of the part played by abortion. Sir Leonard Hill thought that birth control was at the bottom of the diminution of the birth-rate, and urged the medical profession to press for family allowances as applied in Germany and Italy. Professor Miles Phillips pleaded that childbirth should be made not only safer but also cheaper.

A. A. E. NEWTH.

Bulletin of Neurological Institute of New York

August 1937, No. 2.—*Cerebral Sequela of Severe Jaundice in the New Born.*—By Walter O. Klingman and Earl R. Carlson.—In a review of 675 cases of neuromuscular dysfunction in children the authors discovered a history of severe jaundice during the neonatal period in forty-five instances. Examples of physiological jaundice were not included. "Symptoms of nervous system disturbance in the form of convulsions, spasticity, apathy or lethargy, restlessness, increased crying or difficulty in suckling or feeding were present in twenty-eight of the forty-five cases and accompanied the jaundice. In the remaining cases the nervous symptoms were not present at the time of the jaundice but appeared weeks or months later. The symptoms then appeared in the nature of delayed motor functions, gradual progressive spasticity, inco-ordination, choreoathetosis, ataxia, hypotonicity or failure or retardation in mental development. Almost all of the cases showed definite mental impairment." After a short review of the clinical and pathological aspects of the subject, the authors discuss various theories of ætiology and pathogenesis. They conclude that while the jaundice itself is not alone responsible for the production of cerebral lesions, variations, either physiological or pathological, in the degree of early liver function are an important factor in the production of the lesions. It is likely that different ætiological factors produce similar or identical pathological brain lesions which give rise to the clinical symptoms. This paper is of special value in stressing the importance of yet another factor which may play a part in the complex ætiology of mental deficiency.

R. M. NORMAN.

Die Frau

February 1938, Vol. 45, No. 5.—Although *Die Frau* always contains excellent articles by eminent contributors on subjects specially connected with women, it very seldom touches on eugenics; nor does this number do so, but it deals with matters of outstanding importance such as: *The Law for the Regulation of the National Work* (A.O.G.), by Dr. Else Ulich-Beil, *Young Women Artists in the Struggle for Existence*, by Ilse Reicke, *The Female Student*, by Dr. Helmut Cron, *Concerning the Improvement of the Position of Women in Civil Life*, by Franz Erdman, whose theme is that National-Socialism recognizes that German men and women have equal rights and duties but different tasks to perform. Finally, there is an impressive six pages by Professor Dr. Robert Wilbrandt on *Land Settlement as the Woman's Job*—the Editor, Dr. Gertrude Bäumer, supplies the purely idealistic side in *The Spiritual Poem*. These monthlies always contain useful reviews of books and summaries of

women's work in Germany and abroad—but eugenically speaking their interest is practically nil.
URSULA GRANT DUFF.

Journal of Criminal Law and Criminology

September-October 1937, Vol. XXVIII, No. 3.—*Structure of Punishment*.—By N. S. Timasheff.—The author states that the interaction of individuals in social groups results in the creation of an ethical group-conviction which is expressed by individual recognition of certain rules on the part of group members. It is not necessary for a rule to be recognized by every group member: the recognition by a majority is sufficient, for it induces other group members to act with a "concern" for the "common" recognition. Where a group member recognizes an ethical rule he adjusts his behaviour to its contents and tries to influence other group members to do the same. Such a will-disposition is the essence of the recognition. The author emphasizes the fact that society as a whole is the bearer of the mechanism of preventing crime. He wisely insists that new forms of treating criminals should be introduced with caution and with due regard to the natural laws ruling the socio-cultural reflex of Crime and Punishment.

W. NORWOOD EAST.

The Sociological Review

January 1938, Vol. XXX, No. 1.—The most recent number of the *Sociological Review* might almost be

described as an "axis" number, though it is questionable how far its contents would please the Fascist dictators or their allies. Grzegorz Frumkin analyses the expansion of population in Japan and concludes that the process is much the same as occurred in England a century ago, but with the evil results of *laissez-faire* made worse by deliberate State encouragement. Andries Sternheim shows that leisure, as we understand the word, is almost non-existent in totalitarian states, though Germany is worse in this respect than Italy. Maximilian Beck is perhaps pushing at an open door when he demonstrates the independence of culture from race, as opposed to nationality. He does, however, make two very interesting points, that the apostles of racial destiny stultify themselves by denouncing those who "betray" their race, and that if culture really depended on race we should be unable to appreciate the artistic productions of other races such as the Japanese.

Marie Jahoda writes on a very general subject, *Some Ideas on Social and Psychological Research*, but actually much of her article is concerned with researches made into conditions at the little town of Marienthal in Austria, researches which show the difficulties in obtaining scientific data when human beings are the subject of study.

Hans Rothfels begins an extremely interesting study comparing English and German social institutions and developments during the nineteenth century and showing how Bismarck, while understanding and admiring English institutions, had the genius to realize that though they might influence Germany they could not be transplanted.

CECIL BINNEY.

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DETAILS OF ADDRESSES DELIVERED BY LECTURERS OF THE EUGENICS SOCIETY

JANUARY—MARCH 1938

Date.	Speaker.	Society or Organization.	Subject.	Number Present.
January 3rd-10th.	Mrs. Claire Tamplin.	Conference of Educational Associations.	Exhibit.	3,134
January 4th.	Dr. C. P. Blacker.	Conference of Educational Associations.	Population and Cost of Education.	35
January 12th.	Mrs. Claire Tamplin.	Sutton Green Women's Institute.	Heredity.	60
January 17th.	Miss Hilda Pocock.	East Grinstead Division Conservative and Unionist Association.	Population Problems.	70
January 21st.	Dr. C. P. Blacker.	Society of Medical Officers of Health.	Eugenics—Maternity and Child Welfare Work.	50
January 21st.	Mr. B. S. Bramwell.	Bradford and West Riding Nursery School Association.	Is the National Intelligence Declining?	35
January 24th.	Miss Hilda Pocock.	Weybridge Wives' Fellowship.	Heredity.	30
January 27th.	Mrs. Claire Tamplin.	Enfield Labour Women's Section.	Heredity.	35
January 27th.	Miss Moore.	Addiscombe Co-operative Society.	The Law of Heredity.	51
January 27th.	Miss Hilda Pocock.	The College of Nursing.	Film—"From Generation to Generation."	160
January 28th.	Miss Hilda Pocock.	Portsmouth Women's Welfare Centre.	The Future of Our Population.	50
February 2nd.	Dr. C. P. Blacker.	Cambridge University Medical Society.	Eugenics and Politics.	100
February 3rd.	Miss Hilda Pocock.	Forum Club National Council of Women.	Heredity.	55
February 7th.	Mrs. Crichton.	Harrow Healthy Life Society.	Heredity.	38
February 8th-12th	Miss Moore.	Dumfries Health Week Exhibition.	Exhibit.	10,000
February 11th.	Miss Hilda Pocock.	Hove National Council of Women.	The Future of Our Population.	60
February 11th.	Mrs. Crichton.	Bromley Toc H League of Helpers.	Sterilization.	30
February 14th.	Mrs. Crichton.	Luton Women's Co-operative Guild.	Heredity and the Race.	35
February 15th.	Mrs. Claire Tamplin.	Worcester Wives' Fellowship.	Heredity.	65
February 15th-19th.	Miss Moore.	Glydebank Health Week Exhibition.	Exhibit.	7,000
February 18th.	Miss Moore.	Glydebank Health Week Exhibition.	Film—"From Generation to Generation."	200
February 17th.	Miss Hilda Pocock.	Kensington Women's Citizens' Association.	Heredity.	20
February 18th.	Dr. C. P. Blacker.	Royal Society of Medicine Section Obstetrics and Gynaecology.	Medical Aspects of Decline in Population.	150
February 21st-26th.	Mrs. Claire Tamplin.	King's Lynn Health Week Exhibition.	Exhibit.	2,899
February 21st.	Mrs. Claire Tamplin.	King's Lynn Rotary Club.	Heredity.	40
February 21st.	Mrs. Claire Tamplin.	King's Lynn School of Art and Science.	Heredity.	60
February 22nd.	Miss Hilda Pocock.	College of Nursing.	Film—"From Generation to Generation."	50
February 23rd.	Dr. C. P. Blacker.	Watford and District Branch of National Council of Women of Great Britain.	The Future of Our Population.	38
February 24th.	Miss Hilda Pocock.	Folkestone Inner Wheel.	Heredity. Our Responsibilities as Citizens.	35
February 24th.	Mrs. Crichton.	A.S.L.E. and F. Women's Society.	Heredity. Healthy and Unhealthy Families.	30
February 25th.	Miss Moore.	Purley Congregational Church.	Sterilization.	120
March 7th-12th.	Mrs. Claire Tamplin.	Harrogate Health Week Exhibition.	Exhibit.	5,677
March 7th.	Dr. C. P. Blacker.	The Liberal Jewish Synagogue.	Eugenics as a National Policy.	13
March 8th.	Miss Hilda Pocock.	Ealing Rotary Club.	Eugenics.	40
March 11th.	Mrs. Claire Tamplin.	Harrogate Health Week Exhibition.	Film—"From Generation to Generation."	70